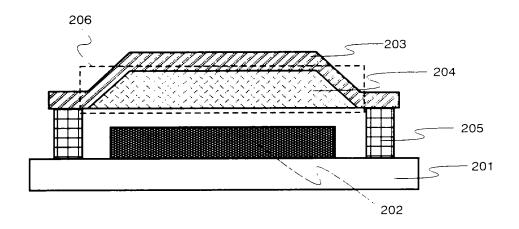


FIG. 1B

FIG. 2



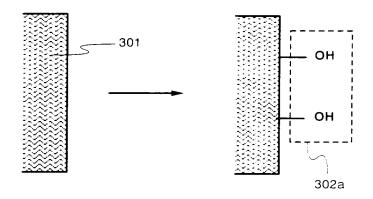


FIG. 3A

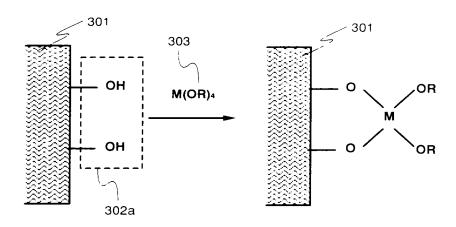


FIG. 3B

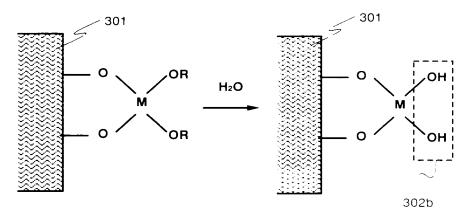


FIG. 3C

FIG. 4

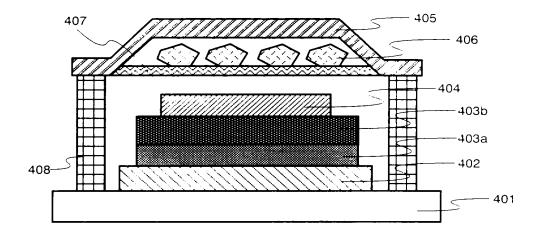


FIG. 5

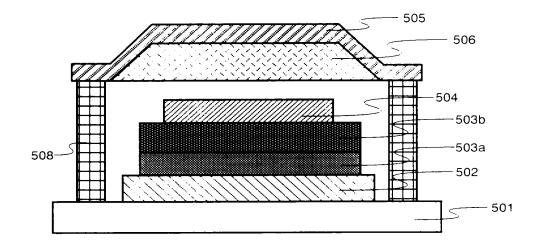
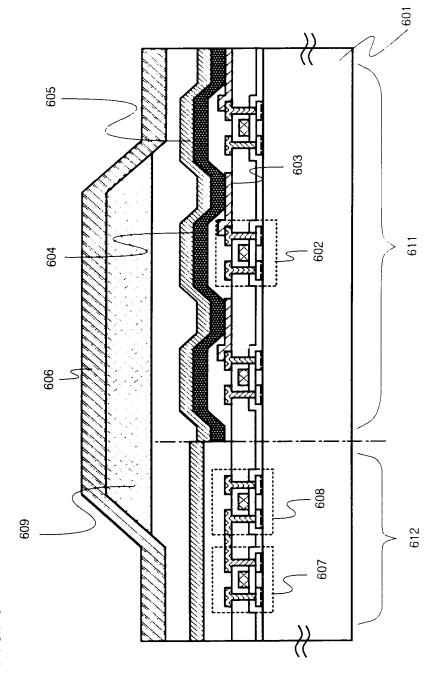
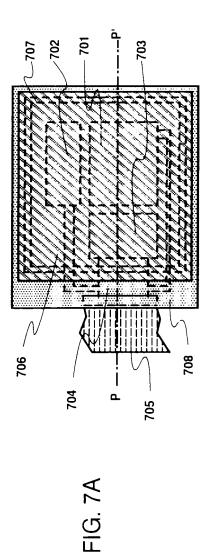
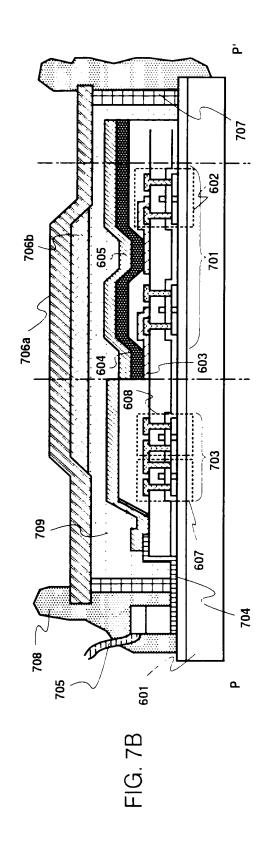
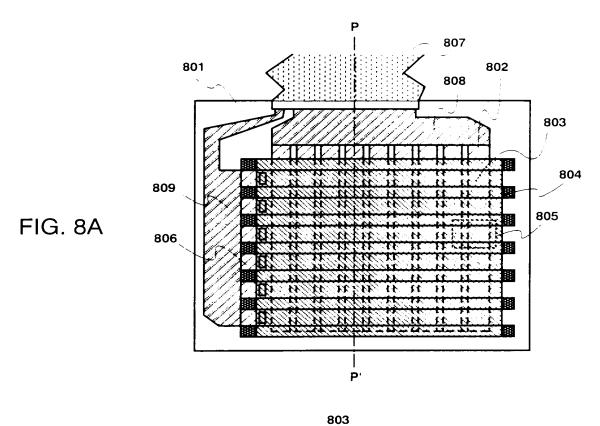


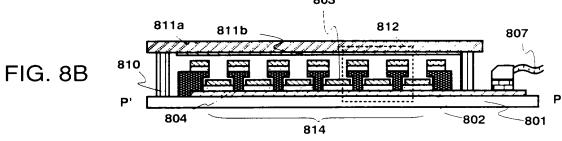
FIG. 6

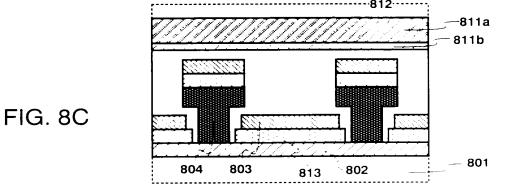












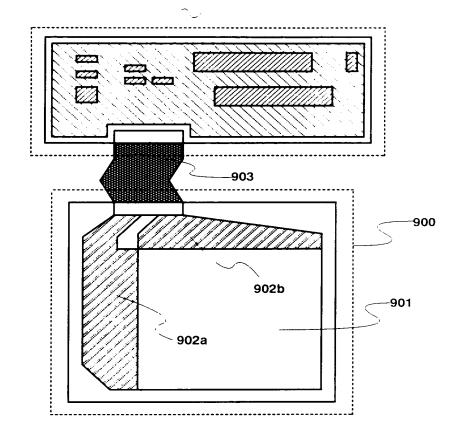


FIG. 9A

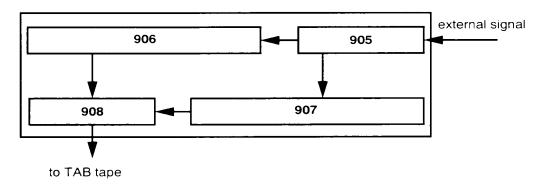


FIG. 9B

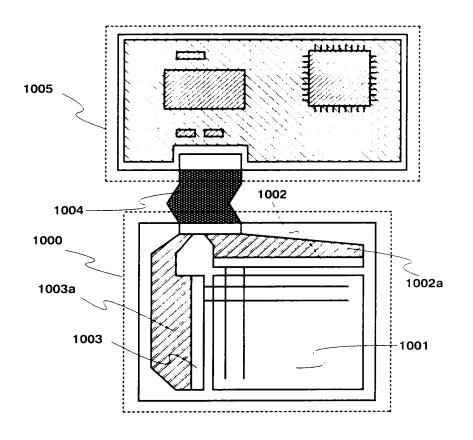


FIG. 10A

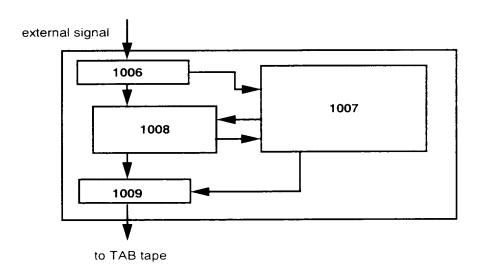


FIG. 10B

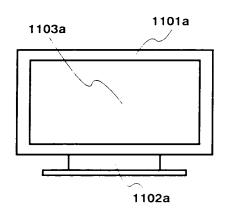


FIG. 11A

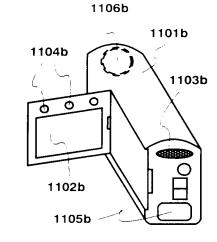


FIG. 11B

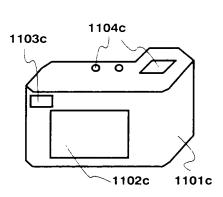


FIG. 11C

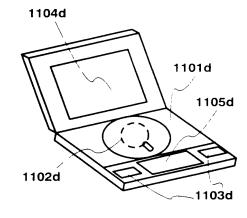


FIG. 11D

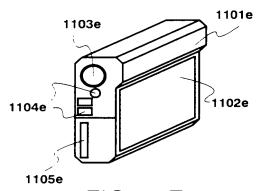


FIG. 11E

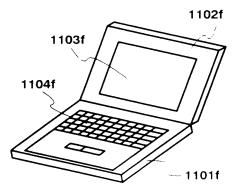


FIG. 11F

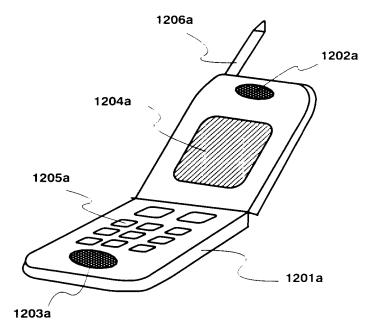


FIG. 12A

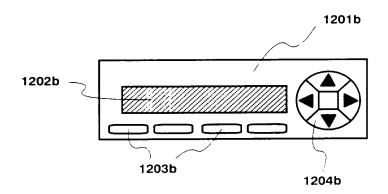


FIG. 12B

[Chem. 1] OH OR OR

$$n Si(OR)_4$$
 \longrightarrow RO \longrightarrow Si \longrightarrow O \longrightarrow Si \longrightarrow OF

OR OH OH